

bead portions through a tread portion and sidewall portions and turned back in each said bead portion from the axially inside to the axially outside of the tire and wound around the bead core in each said bead portion so as to form a pair of wound portions and a main portion therebetween,

each said wound portion having a radially outer part extending axially inwards along the radially outer face of the bead core to have a length not less than 0.5 times the width of said radially outer face when measured along the radially outer face,

each said bead portion provided between said radially outer part and the radially outer face of the bead core with an organic fiber cord layer,

a distance between the carcass cords in said radially outer part and the radially outer face of the bead core being in a range of to not more 1.0 times the section height of the bead core when measured in a normal direction to the radially outer face of the bead core, wherein

in each said bead portion,

a reinforcing layer of cords is disposed radially outside the radially outer part so as to secure the radially outer part between the reinforcing layer and the bead core,

a bead apex rubber is disposed radially outside the reinforcing layer, and

a chafer rubber is disposed axially outside the bead apex rubber along an axially outer surface and bottom surface of the bead portion, and

a1 the bead apex rubber has a 100% modulus in a range of from 6.3 to 8.6 MPa, the chafer rubber has a 100% modulus in a range of from 5.4 to 8.2 MPa, and the 100% modulus of the chafer rubber is less than the 100% modulus of the bead apex.

a2 Claim 3. (Amended) The pneumatic tire according to claim 1, wherein

the cords of the reinforcing layer are laid at an angle in a range of from 0 to 45 degrees with respect to the circumferential direction of the tire.

Claim 4. (Amended) The pneumatic tire according to claim 1, wherein

the cords of the reinforcing layer are laid at an angle in a range of from 0 to 5 degrees with respect to the circumferential direction.

Please add the following claims:

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Q3 Claim 6. (New) A pneumatic tire comprising

a pair of bead portions each with a bead core therein,

a carcass comprising one ply of cords extending between the bead portions through a tread portion and sidewall portions and turned back in each said bead portion from the axially inside to the axially outside of the tire and wound around the bead core in each said bead portion so as to form a pair of wound portions and a main portion therebetween, each of the wound portions having a radially outer part extending axially inwards along the radially outer face of the bead core to have a length not less than 0.5 times the width of said radially outer face when measured along the radially outer face,

an organic fiber cord layer of organic fiber cords disposed between said radially outer part and the radially outer face of the bead core,

a reinforcing layer of cords disposed radially outside said radially outer part to secure the radially outer part between the reinforcing layer and the bead core,

an inner rubber layer between the organic fiber cords of said

organic fiber cord layer and the bead core 5, having a thickness (ta) of from 0.1 to 0.6 mm,

an outer rubber layer between the organic fiber cords of said organic fiber cord layer and the carcass cords in said radially outer part, having a thickness (tb) of from 0.1 to 0.6 mm,

a bead apex rubber disposed on the radially outside of said reinforcing layer,

AB a distance between the carcass cords in said radially outer part and the radially outer face of the bead core being in a range of not more than 1.0 times the section height of the bead core when measured in a normal direction to the radially outer face of the bead core.

Claim 7. (New) The pneumatic tire according to claim 6, wherein

the cords of said reinforcing layer are laid at an angle in a range of from 0 to 5 degrees with respect to the circumferential direction.

Claim 8. (New) The pneumatic tire according to claim 6, wherein

✓ the cords of said reinforcing layer are laid at an angle in a range of from 0 to 45 degrees with respect to the circumferential direction of the tire.

Q3 Claim 9. (New) A pneumatic tire comprising
a pair of bead portions each with a bead core therein,
a carcass comprising one ply of cords extending between the bead portions through a tread portion and sidewall portions and turned back in each said bead portion from the axially inside to the axially outside of the tire and wound around the bead core in each said bead portion so as to form a pair of wound portions and a main portion therebetween, each of the wound portions having a radially outer part extending axially inwards along the radially outer face of the bead core,

a bead apex rubber disposed on the radially outside of said radially outer part,

an organic fiber cord layer of organic fiber cords disposed between said radially outer part and the radially outer face of the bead core,

an inner rubber layer between the organic fiber cords of said organic fiber cord layer and the bead core 5, having a thickness (ta) of from 0.1 to 0.6 mm,

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an outer rubber layer between the organic fiber cords of said organic fiber cord layer and the carcass cords in said radially outer part, having a thickness (tb) of from 0.1 to 0.6 mm,

a distance between the carcass cords in said radially outer part and the radially outer face of the bead core being in a range of not more than 1.0 times the section height of the bead core when measured in a normal direction to the radially outer face of the bead core,

A3
a chafer rubber disposed axially outside the bead apex rubber along an axially outer surface and bottom surface of the bead portion,

said chafer rubber having a 100% modulus of from 5.4 to 8.2 MPa, and said bead apex rubber having a 100% modulus of from 6.3 to 8.6 MPa which is more than the 100% modulus of the chafer rubber.
